

Customer No.: 31561  
Application No.: 10/709,056  
Docket No.: 12031-US-PA

**In The Claims:**

Claims 1-4. (cancelled)

Claim 5. (original) A testing apparatus, for a flat-panel display comprising at least a plurality of electrode lines and a plurality of driving circuits for driving the electrode lines, the testing apparatus comprising:

a plurality of switching components, each of the switching components comprising a gate, a first source/drain, and a second source/drain, respectively, wherein the first sources/drains are electrically couple to the electrode lines;

a switching set electrically coupled to the gates of the switching components; and

a plurality of shorting bars, each of the shorting bars electrically coupled to the second sources/drains of some of the switching components.

Claim 6. (original) The testing apparatus for the flat-panel display of claim 5, wherein when the switching set comprises a plurality of switching lines, each of the switching lines are electrically coupled to the gates of some of the switching components.

Claim 7. (original) The testing apparatus for the flat-panel display of claim 5, wherein each of the switching components comprises at least one TFT.

Claim 8. (original) The testing apparatus for the flat-panel display of claim 5, wherein the electrode lines comprise a plurality of data lines.

Claim 9. (original) The testing apparatus for the flat-panel display of claim 5, wherein the electrode lines comprise a plurality of scan lines.

Customer No.: 31561  
Application No.: 10/709,056  
Docket No.: 12031-US-PA

Claim 10. (original) A testing apparatus, for a flat-panel display comprising at least a plurality of electrode lines and a plurality of driving circuits for driving the electrode lines, and the testing apparatus comprising:

a plurality of switching components, each of the switching components comprising a gate, a first source/drain, and a second source/drain, respectively, and the first sources/drains being electrically coupled to the electrode lines;

a plurality of switching lines, electrically coupled to the gates of the switching components, and each of the switching lines electrically coupled to the gates of some of the switching components; and

a shorting bar, electrically coupled to the second sources/drains of the switching components.

Claim 11. (original) The testing apparatus for the flat-panel display of claim 10, wherein each of the switching components comprises at least one TFT.

Claim 12. (original) The testing apparatus for the flat-panel display of claim 10, wherein the electrode lines comprise a plurality of data lines.

Claim 13. (original) The testing apparatus for the flat-panel display of claim 10, wherein the electrode lines comprise a plurality of scan lines.

Claim 14. (currently amended) A testing apparatus, for a flat-panel display comprising at least a plurality of electrode lines and a plurality of driving circuits for driving the electrode lines, and the testing apparatus comprising:

Customer No.: 31561  
Application No.: 10/709,056  
Docket No.: 12031-US-PA

a plurality of switching components, electrically coupled to the electrode lines; and  
at least one a shorting bar set, electrically coupled to the switching components,  
wherein each shorting bar set has a plurality of adjacent shorting bars.

Claim 15. (currently amended) The testing apparatus for the flat-panel display of claim 14, wherein ~~when the shorting bar set comprises a plurality of shorting bars,~~ each of the shorting bars ~~are~~ is electrically coupled to some of the switching components.

Claim 16. (original) The testing apparatus for the flat-panel display of claim 14, wherein each of the switching components comprises a diode.

Claim 17. (original) The testing apparatus for the flat-panel display of claim 14, wherein the electrode lines comprise a plurality of data lines.

Claim 18. (original) The testing apparatus for the flat-panel display of claim 14, wherein the electrode lines comprise a plurality of scan lines.